

## ABSTRACT

“FULLY AUTOMATED, REQUISITION-DRIVEN, COMPETING AUTHORIZED-SUPPLIERS, WEB SITE-BASED, REAL-TIME, REVERSE-AUCTION, CENTRALIZED E-PROCUREMENT SYSTEM FOR GOVERNMENT, WITH BIFURCATED INTERNAL AND EXTERNAL MODULES, REQUISITION POOLING, ORDER FORMULATION AND MANAGEMENT, CONSOLIDATED IN-BOUND SHIPMENT AND DISTRIBUTED J.I.T. DELIVERY, PROCUREMENT-NEEDS PREDICTION, CENTRALIZED CATALOG MANAGEMENT AND NUMEROUS ADDITIONAL FEATURES”

ABSTRACT: A fully automated, requisition-driven, “J.I.T.”-based, centralized e-procurement system, suitable for governments or entities with similar procurement needs. A Web site-based reverse-auction among competing authorized suppliers is employed for purchases of all goods and services, except those that must be procured by other means. Automated processes for: requisition handling and pooling; order formulation, processing and tracking; consolidated, distributed, and other shipping arrangements; procurement accounting and payment authorization; supplier-relations administration; centralized procurement catalog management; procurement data analysis and report and alert generation; procurement needs analysis; and inventory management are included. A structure of separate internal and external modules is created for security. To the extent possible, all communication from and to and within the system is preformed digitally.